

CONVAIR
A Division of General Dynamics Corporation
(San Diego)

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MAY 1 '58

DESIGN INFORMATION BULLETIN

NO: 19.012

ENG'R.
PRE-DESIGN

CONVAIR REPORT NO. ZM-22-005

PAGE: 1 of 1

MODEL 22 AIRPLANE

DATE: 4-3-58

STATIC GROUND CLEARANCE

NOTE: This D.I.B. supersedes D.I.B. No. 19.002

"It is expected that instructions to airplane operators will include the intent of the following:

The airplane landing gears shall be serviced to the following static positions of the struts and tires considering the maximum weight and average cg expected to be encountered in normal operation. Increases over this maximum normal value require reserving of the gear to maintain minimum values of ground clearance noted. Weights and cg's which vary from this basis will result in variations of ground clearance.

1. At Main Landing Gear: 49.7" from W.L. 0 to ground.
 - a) Strut press. adjusted so piston is extended 2.0" from the compressed position.
 - b) Tire press. adjusted to obtain 16.0" rolling radius
2. At Nose Landing Gear: 52.4" from W.L. 0 to ground
 - a) Strut press. adjusted so piston is extended 3.0" from compressed position.
 - b) Tire press. adjusted to obtain 12.2" rolling radius from compressed position.

R. Trussell
R. Trussell
Landing Gear J.P.B.

A.J. Savard
A.J. Savard
Project Engineer

C. Kerr, Jr.
C. Kerr, Jr.
Landing Gear